

Name _____

Date _____

202 10.7 Practice worksheet Figures are not drawn to scale.

If a segment appears tangent, it is.

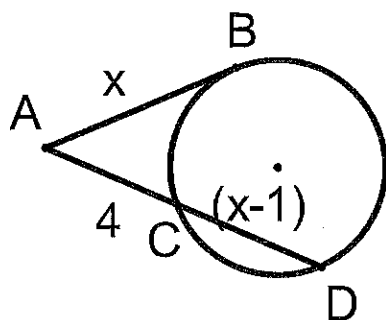
1.

$AC = 4$

$CD = x-1$

$AD = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$



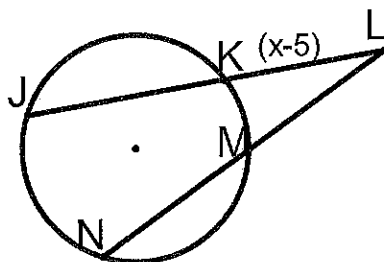
2. $MN = 2$

$NL = 8$

$JL = 16$

$ML = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$



3.

$EF = 2$

$FG = 10$

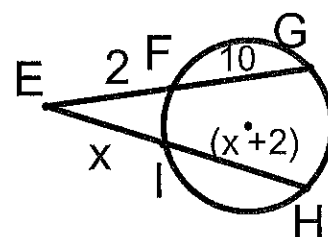
$EI = x$

$IH = x+2$

$EG = \underline{\hspace{2cm}}$

$EH = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$



4.

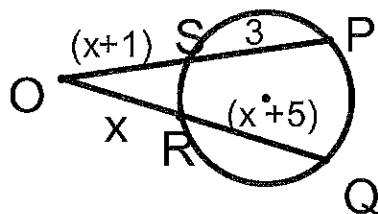
$OR = x$

$RQ = x+5$

$OP = \underline{\hspace{2cm}}$

$OQ = \underline{\hspace{2cm}}$

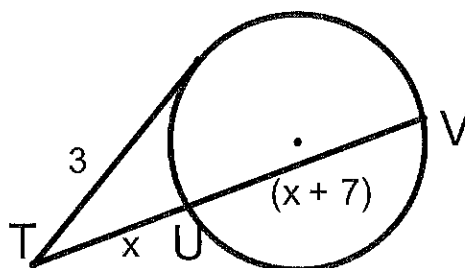
$x = \underline{\hspace{2cm}}$



5.

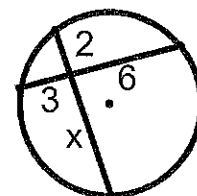
$TV = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$

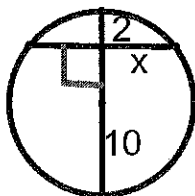


6.

$x = \underline{\hspace{2cm}}$

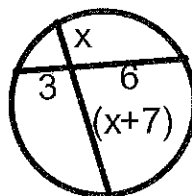


7. $x = \underline{\hspace{2cm}}$

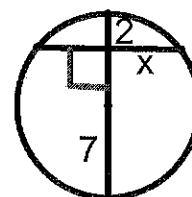


The radius is 10.

8. $x = \underline{\hspace{2cm}}$



9. $x = \underline{\hspace{2cm}}$



The radius is 7.

10-7 Skills Practice

Special Segments in a Circle

Find x to the nearest tenth. Assume that segments that appear to be tangent are tangent.

